

NUR 1338 Operating Room Nursing Practicum

Clinical experience in scrub and circulating technician duties in orthopedic, general, and obstetric/ gynecological surgery.

NUR 1339 Fundamentals of Central Sterile supply

Practicum in operation of equipment used in central sterile supply.

NUR 2315 Aerospace Physiological Principles and Survival Techniques

Effects of hypoxia, hyperventilation, stress, and changes in barometric pressure on the human body; use of oxygen; altitude indoctrination; and survival techniques.

NUR 2316 Aerospace Nursing

Effects of flight-induced psychological changes, diseases, and injuries on patients; in-flight nursing care; care of patients in aircraft emergencies; and organization and operation of aeromedical evacuation system.

NUR 2317 Physiological Aspects of Human Development

Male and female reproductive systems, prenatal development, labor and delivery, newborns, the elderly, and dying.

NUR 2318 Nursing Intervention Techniques

Support of patient physical and psychosocial condition through nutrition, classic immunological defenses, and functions of body's inflammatory responses. Includes body states and electrolytic acid/balance, renal/circulatory systems; pharmacology; family violence and crisis intervention, and basic cardiac life-support.

NUR 2320 Nursing Management and Communicative Techniques

Development of supervisory, communicative, and training skills to manage organization, personnel, and patients of a health care delivery unit; oral communication in health teaching; leadership in nursing; labor-management relations; and instructor training in basic cardiac life support.

NUR 2321 Human Body Systems

Functions/dysfunctions of neurological, endocrine, cardiovascular, respiratory, gastrointestinal, and renal systems emphasizing care through nursing intervention.

NUR 2322 Medical Readiness for Medical Service Technician Manager

Roles/responsibilities of medical technician manager in dealing with shock patient; biological, chemical, and nuclear casualty; combat stress victim; emergency airway procedures; and mass casualty triage.

NUR 2323 Future in Nursing Services

Trends and changes in staff development, adult education, computer applications in nursing administration, ambulatory care management, and methods in service education methods in hospital/clinic environment.

NUR 2327 Infection Control and Epidemiology

Skills needed to develop, manage, and evaluate an infection control program based on Joint Commission on Accreditation of Healthcare Organizations standards, Center for Disease Control guidelines, and Air Force procedures.

NUR 2328 Battlefield Nursing

Triage, resuscitation with stabilization, trauma life support, and psycho-social needs of patient and caregiver.

NUR 2329 Nursing Staff Development

Planning, organizing, implementing, and evaluating nursing service staff development programs. Includes needs assessment, instructional program design and methodology, and correlation with Joint Commission on Accreditation of Healthcare Organizations and American Nurses Association.

Orthotic Prosthesis Devices

OPD 1301 Introduction to Orthotics

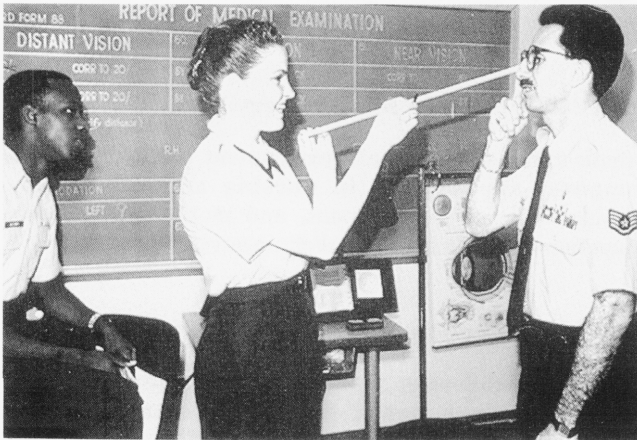
Medical ethics and terminology, emergency medical care, history of orthotics, professional and patient relationships, principles of life support, administrative procedures, and selected orthotic nomenclature.

OPD 1302 Anatomy, Physiology, and Kinesiology of Orthoses

Principles of body systems/functions and mechanics of upper/lower extremities, spine, and pelvis.

OPD 1303 Orthotic Devices

Principles and identification of orthotic devices used on upper/lower extremities, spine, and pelvis; evaluation of patient requirements; and selection of orthotic devices.

**OPD 1304 Orthotic Tools and Fabrication**

Introduction and practicum in use of handtools and shop machines used in assembling orthotic appliances.

OPD 1305 Orthotic Methods and Materials

Principles and tools used in orthotic laboratory; interpreting prescriptions and performing tracing, measuring, and casting procedures; design and fabrication of appliances from measurements, patterns, and positive casts; preparation of patient and fitting of devices; and adjustments and repairs.

Optometric Technology

OPT 1301 Introduction and Basic Optics

Basic geometrical and ophthalmic optics.

OPT 1302 Visual Acuity and Its Correction

Anatomy and physiology of visual system; eye as an optical instrument; visual acuity measurement; and spectacle selection, ordering, repair, and verification procedures.

OPT 1303 Assisting the Optometrist

Applications of tonometry, visual fields, and eye safety measures and fitting of contact lenses.

OPT 1304 Vision Classification

Military visual standards and exams, depth perception, phoria, accommodation, near point of convergence, and color vision testing.

OPT 1305 Management and Practicum

Maintenance of publication listings, procurement of supplies, accident prevention, and vision surveys of actual patients under direction of staff optometrists.

Pavements

PAV 1507 Rigid Pavements

Tasks associated with construction and maintenance of rigid pavements.

PAV 1508 Flexible Pavements

Tasks associated with construction and maintenance of flexible pavements.

PAV 1509 Bomb Damage Repairs and Aircraft Shelters

Rapid runway repair; includes construction of security fencing and aircraft shelters.

PAV 2502 Concrete and Bituminous Pavement

Advanced construction of concrete and bituminous pavements to include drainage, grading, materials, identification of defects, and repairs.

Personnel

PER 1104 Personnel Management

Personnel administration to include resource management, human relations, counseling, general personnel supervision, and office supervision.

PER 1107 Personal Affairs Functions

Air Force Aid Society, Family Services, survivor benefits (including Government insurance and Social Security entitlements), commercial life insurance, military benefits, casualty reporting, awards and decorations; includes